| Inde | ex of | Claims |  |
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|      |       |        |  |

Application/Control No.

10/665,648

Examiner

Man Phan

Applicant(s)/Patent under Reexamination

LUND ET AL.

Art Unit

2616

| <b>√</b> | Rejected |
|----------|----------|
|          | Allowed  |

(Through numeral)
Cancelled

Restricted

N Non-Elected

Interference

| A | Appeal   |
|---|----------|
| o | Objected |

| Cla  | aim      | Date         |          |                                     |                    |  |  | Cla  | im   | Date            |   |       |          |          |          |               |          | ]        | CI       | aim      | . Date   |          |    |  |            |              |          |          |          |          |           |  |           |          |
|--|----------|--------------|----------|-------------------------------------|--------------------|--|--|--|--|-----------------|---|-------|----------|----------|----------|---------------|----------|----------|----------|----------|----------|----------|----|--|------------|--------------|----------|----------|----------|----------|-----------|--|-----------|----------|
| Final  | Original | 2/2/07       |          |                                     |                    |  |  |  |  |                 |   | Final | Original |          |          |               |          |          |          |          |          |          |    | Final  | Original   |              |          |          |          |          |           |  |           |          |
|  | 1        | 1            |          |                                     | $\vdash$           | <u> </u>   | $\vdash$   | <u> </u>   | _  | Н               |   |       | 51       | -        | _        |               | _        |          |          |          |          |          |    |  | 101        |              | $\Box$   |          |          |          |           | П  | $\dashv$  | $\dashv$ |
| $\vdash$   | 2        | Ť            | $\vdash$ | $\overline{}$                       | Т                  | $\vdash$   | 1  | $\vdash$   | Т  | П               |   |       | 52       |          |          |               |          |          |          |          |          |          | l  |  | 102        |              |          |          |          | _        |           | П  |           |          |
|  | 3        |              |          |                                     |                    |  |  |  | Г  |                 |   |       | 53       |          |          |               |          |          |          |          |          |          |    |  | 103        |              |          |          |          |          |           | П  |           |          |
|  | 4        | Γ            |          |                                     |                    |  | Π  |  |  |                 |   |       | 54       |          |          |               |          |          |          |          |          |          |    |  | 104        |              |          |          |          |          |           |  |           |          |
|  | 5        |              |          |                                     |                    |  |  |  |  |                 |   |       | 55       |          |          |               |          |          |          |          |          |          |    |  | 105        |              |          |          |          |          |           |  |           |          |
|  | 6        |              |          |                                     | L                  |  |  |  |  |                 |   |       | 56       |          |          |               |          |          |          |          |          |          |    |  | 106        |              |          |          |          |          |           |  |           |          |
|  | 7        | _            | _        | _                                   | ╙                  | _  | 乚  | _  | <u> </u>   | Щ               |   |       | 57       |          |          |               |          |          |          | _        |          |          |    | <u> </u>   | 107        | _            |          |          |          |          | _         |  | _         |          |
|  | 8        | _            | _        |                                     | _                  | <u> </u>   | ┡  | _  | <u> </u>   | Ш               |   |       | 58       | <u> </u> |          |               |          |          |          |          |          | _        |    |  | 108        | _            |          | _        |          |          | _         | $\square$  | _         |          |
|  | 9        | _            | <u> </u> | _                                   | <u> </u>           | _  | <b>├</b> ─                                       | <b> </b>   | <u> </u>   | Щ               |   |       | 59       | _        |          | _             | _        | $\dashv$ |          |          |          |          | 1  | ļ  | 109        |              |          |          |          |          |           |  | _         | Щ        |
|  | 10       | <u> </u>     | <u> </u> |                                     | <u> </u>           | -  | ├  | -  | <u> </u>   | Н               |   |       | 60       | _        | _        |               |          |          |          | _        |          |          |    | <u> </u>   | 110        |              | $\vdash$ | -        | Ш        |          | <u> </u>  | -  | _         | _        |
|  | 11       |              |          |                                     | -                  | -  | -  | -  | <del> </del>                                     | Н               |   |       | 61<br>62 | H        | <b>-</b> |               | _        | -        | $\dashv$ | _        |          | _        |    |  | 111<br>112 |              | -        | -        | _        |          | <u> </u>  |  | _         | _        |
| ├  | 13       | <del> </del> | —        |                                     | ┝╌                 | ╁  | ├  | ├  | ⊢  | Н               |   |       | 63       | _        | -        |               | $\vdash$ |          | -        | _        |          | -        |    |  | 113        | -            | $\vdash$ | $\dashv$ | -        | -        | -         |  |           | $\dashv$ |
|  | 14       | -            |          |                                     | -                  | -  | -  |  | ├  | Н               |   |       | 64       | _        | $\vdash$ | —             | $\vdash$ | -        | -        |          |          |          | i  |  | 114        | -            | $\vdash$ | $\dashv$ | -        |          | ⊢         | $\vdash$   | -         |          |
| _  | 15       | ┢            | ⊢        | _                                   | ⊢                  | $\vdash$   | -  |  | ┢  | -               |   |       | 65       | $\vdash$ | -        | -             | -        | -        |          |          |          |          | l  | <del>                                     </del> | 115        | $\vdash$     | $\vdash$ | -        | -        |          | <u> </u>  | $\vdash$   | $\dashv$  | $\dashv$ |
| $\vdash$   | 16       | $\vdash$     | $\vdash$ | _                                   | $\vdash$           | ╁  | $\vdash$   | -  | $\vdash$   | Н               |   |       | 66       | -        | -        | _             | H        |          |          | $\dashv$ | -        | _        | l  |  | 116        | $\vdash$     | $\dashv$ | $\dashv$ | $\vdash$ |          | -         | Н  | $\dashv$  | $\dashv$ |
| _  | 17       | $\vdash$     | _        | ·                                   | $\vdash$           | H  | $\vdash$   | <b> </b>   | $\vdash$   | Н               |   |       | 67       | -        |          |               |          |          |          |          |          | -        | i  |  | 117        | $\vdash$     | Н        | $\dashv$ |          |          |           | H  | $\dashv$  |          |
| $\vdash$   | 18       |              | -        |                                     |                    | H  | $\vdash$   | <u> </u>   | <u> </u>   |                 |   |       | 68       |          |          | $\vdash$      |          |          |          | $\neg$   |          | _        | 1  |  | 118        |              | $\vdash$ |          |          |          |           | П  | $\dashv$  | $\dashv$ |
|  | 19       |              | $\vdash$ | $\vdash$                            | $\vdash$           | _  | $\vdash$   | <u> </u>   |  | М               |   |       | 69       |          | -        |               |          |          |          | $\neg$   |          | -        | 1  | $\vdash$   | 119        | _            | $\Box$   |          |          |          |           | П  | _         |          |
|  | 20       | Г            | $\Box$   |                                     | Г                  | Т  | $\vdash$   |  | 1  |                 |   |       | 70       |          |          | $\overline{}$ |          |          |          |          |          |          | 1  |  | 120        |              | $\Box$   |          |          |          |           | П  | $\neg$    |          |
|  | 21       |              |          |                                     | П                  |  | П  |  | Π  | П               |   |       | 71       |          |          |               |          |          |          |          |          |          | 1  |  | 121        |              |          |          |          |          |           | П  |           |          |
|  | 22       |              |          |                                     |                    |  |  |  |  |                 |   |       | 72       |          |          |               |          |          |          |          |          |          | 1  |  | 122        |              |          |          |          |          |           | П  |           |          |
|  | 23       |              |          |                                     |                    |  |  |  |  |                 |   |       | 73       |          |          |               |          |          |          |          |          |          |    |  | 123        |              |          |          |          |          |           |  |           |          |
|  | 24       |              |          |                                     | $oxedsymbol{oxed}$ |  |  |  |  |                 |   |       | 74       |          |          |               |          |          |          |          |          |          |    |  | 124        |              |          |          |          |          |           |  |           |          |
| <u></u>  | 25       | ✓            |          |                                     | _                  | _  | <u>L</u>   |  |  | Ш               |   |       | 75       | _        |          |               |          |          |          |          |          |          | ١. |  | 125        |              | $\perp$  |          |          |          |           | Ш  |           |          |
|  | 26       | <u> </u>     |          | <u> </u>                            | Ь_                 | _  | <u> </u>   | _  |  |                 |   |       | 76       |          |          | _             | Щ        |          | _        | _        |          |          |    |  | 126        |              | 4        | _        |          |          |           | Ш  |           |          |
|  | 27       |              |          | <u> </u>                            |                    | -  | <u> </u>   | <u> </u>   | <u> </u>   | Н               |   |       | 77       |          |          | _             |          | _        |          |          |          | _        |    | <u> </u>   | 127        | _            | 4        | _        |          |          |           | $\vdash$   | _         | _        |
|  | 28       | H            | _        | ļ                                   | -                  | ├_   | ├  | <u> </u>   |  | Н               |   |       | 78       | _        | _        |               |          | _        |          | _        |          |          |    | <u> </u>   | 128        | _            | -        | 4        |          |          |           | $\vdash$   | $\dashv$  |          |
|  | 29<br>30 | $\vdash$     | _        | -                                   | -                  | ⊢  | ⊢  | -  | $\vdash$   | Н               |   |       | 79       |          | _        |               | Н        | -        | $\dashv$ | _        |          |          |    |  | 129        | _            | $\dashv$ | -        |          |          |           | Н  | $\dashv$  |          |
| <u> </u>   | 31       | $\vdash$     | _        | -                                   | -                  | ├  | ├  | -  | ⊢  | Н               |   |       | 80<br>81 | ⊢        | _        |               | Н        |          | -        | -        | -        |          |    |  | 130        | $\vdash$     | $\dashv$ | $\dashv$ |          |          |           | $\vdash$   | $\dashv$  | $\dashv$ |
| _  | 32       | Н            | -        | -                                   |                    | ├-   | ├  | -  | ┢  | Н               |   |       | 82       | _        | _        |               |          | $\dashv$ | $\dashv$ | $\dashv$ | _        |          | İ  | <u> </u>   | 131<br>132 |              | $\dashv$ | $\dashv$ | -        |          |           | Н  | $\dashv$  | $\dashv$ |
| <del>                                     </del> | 33       | $\vdash$     | _        | $\vdash$                            | ⊢                  | ├  | ├  | ╁  | -  | Н               |   |       | 83       | $\vdash$ |          | _             | $\vdash$ |          | -        |          | -        | _        |    |  | 133        | $\vdash$     | -        | $\dashv$ |          |          |           | <del>                                     </del> | $\dashv$  | $\dashv$ |
| <b>—</b>   | 34       |              | _        | $\vdash$                            | -                  | <del>                                     </del> | H  | <del>                                     </del> | <del>                                     </del> | H               |   | _     | 84       |          |          |               | Н        | ┪        | $\dashv$ |          |          |          |    |  | 134        | -            | $\dashv$ | $\dashv$ | -        |          |           | $\vdash$   | $\dashv$  | $\dashv$ |
| $\vdash$   | 35       |              |          |                                     | $\vdash$           | t  | $\vdash$   | $\vdash$   | $\vdash$   | H               |   |       | 85       | $\vdash$ |          |               | $\vdash$ |          | $\dashv$ | $\neg$   | _        | _        |    | <u> </u>   | 135        | Н            | $\dashv$ | $\dashv$ |          |          |           | Н  | $\dashv$  | $\dashv$ |
|  | 36       | $\Box$       | _        |                                     |                    | <u> </u>   | T  |  | Т  | М               |   |       | 86       | П        |          |               |          | $\dashv$ | $\dashv$ |          |          |          |    |  | 136        | Н            | $\dashv$ | ┪        | $\dashv$ |          | -         | $\vdash$   | $\dashv$  | $\dashv$ |
|  | 37       | П            |          |                                     | Г                  |  | Г  | 1  |  | П               |   |       | 87       |          |          |               |          | $\dashv$ |          |          |          |          |    |  | 137        |              | $\dashv$ | 7        |          |          |           | 一  | $\neg$    | 一        |
|  | 38       |              |          |                                     |                    |  |  |  |  |                 |   |       | 88       |          |          |               |          |          |          |          | _        |          |    |  | 138        |              | $\neg$   |          |          |          |           | $\sqcap$   | $\neg$    | $\neg$   |
|  | 39       |              |          |                                     |                    |  |  |  |  |                 |   |       | 89       |          |          |               |          |          |          |          |          |          |    |  | 139        |              |          |          |          |          |           |  | $\exists$ |          |
|  | 40       |              |          |                                     |                    |  |  | 匚  |  |                 |   |       | 90       |          |          |               |          | $\Box$   | $\Box$   |          |          |          |    |  | 140        |              |          |          |          |          |           |  |           |          |
| <u> </u>   | 41       | $\sqcup$     |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |                    | <u> </u>   | _  | <u> </u>   |  |                 |   |       | 91       |          |          |               |          | $\Box$   | $\Box$   |          |          |          |    |  | 141        |              |          |          |          |          |           |  |           |          |
| <u> </u>   | 42       | Щ            | _        |                                     |                    | <b> </b>   |  | <u> </u>   | <u> </u>   | Ш               |   |       | 92       |          | Ш        |               |          | _        | ļ        | _        |          |          |    |  | 142        | $oxed{oxed}$ |          | $\Box$   | $\Box$   |          |           |  |           |          |
|  | 43       | $\sqcup$     |          | <u> </u>                            | <u> </u>           | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>   | Щ               |   |       | 93       | Ш        |          |               |          | _        |          | _        | _        |          |    | <u>.</u>   | 143        | Ш            | $\dashv$ | _        | _        |          | أسا       | $\dashv$   | _         |          |
| <u> </u>   | 44       | $\vdash$     |          | <u> </u>                            | <del> </del>       | ₩  | <u> </u>   | <u> </u>   | <u> </u>   | Щ               |   |       | 94       | $\vdash$ | Щ        |               | Ш        | _        |          | _        | _        | $\sqcup$ |    | <u> </u>   | 144        |              | $\perp$  | _        | _        |          | Ш         |  | _         |          |
| <u> </u>   | 45<br>46 | $\vdash$     | _        |                                     |                    | -  | <del> </del>                                     | ├  | <del> </del>                                     | $\vdash$        |   |       | 95       | Ш        |          |               | Щ        |          |          |          | _        | $\vdash$ |    | <u> </u>   | 145        |              | -        |          |          | _        | $\sqcup$  | $\dashv$   | $\dashv$  | $\dashv$ |
| $\vdash$   | 46       | $\vdash$     |          | $\vdash$                            | ⊢                  | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash \vdash$ |   |       | 96<br>97 | $\vdash$ | -        |               | $\vdash$ | -        | -        |          |          | $\dashv$ |    | <b></b>  | 146        |              | $\dashv$ | -        |          | -        | $\square$ |  | -         |          |
|  | 48       | $\vdash$     | _        | -                                   | -                  | -  |  | $\vdash$   | $\vdash$   | $\vdash\vdash$  |   |       | 98       | $\vdash$ | $\vdash$ | _             |          | $\dashv$ | $\dashv$ | $\dashv$ |          | -        |    | <b></b>  | 147<br>148 |              |          | $\dashv$ |          | _        |           |  | -         | $\dashv$ |
| <del></del>                                      | 49       | $\vdash$     | _        | $\vdash$                            | $\vdash$           | -  |  | $\vdash$   |  | H               | ŀ | -     | 99       | H        | -        | _             | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | -        | ١, | $\vdash$   | 149        | $\dashv$     | -+       | $\dashv$ |          | $\dashv$ | $\dashv$  | $\dashv$   | -         | $\dashv$ |
|  | 50       | Н            |          | $\vdash$                            |                    | ┪  |  |  |  | $\vdash$        |   | -     | 100      | $\vdash$ | Н        | _             | $\vdash$ | -        |          | ᅦ        | $\dashv$ | ᅱ        |    |  | 150        | -            | $\dashv$ | -        |          | $\dashv$ | $\dashv$  | -  | $\dashv$  | $\dashv$ |
|  | لستست    | ш-           | _        |                                     | _                  | <u></u>  |  | ч  |  | ۷               | ı |       |          |          |          | _             | لسسا     |          |          |          |          |          |    | L  | ~~_        |              |          |          |          |          |           |  |           |          |